

**Amendments to the Claims:**

The following listing of claims will replace all prior versions and listings of claims in the application.

**Listing of Claims:**

1. (currently amended) A method of producing a local immunogenic response in a buccal mucous membrane, saliva, and lymph nodes draining said mucous membrane, the method comprising administering in the floor of a ~~mammal's~~ primate's mouth a ~~vaccine~~ composition comprising an immunogen specific for a pathogenic agent having a gateway into the buccal mucous membrane, wherein a local IgA antibody and IgA antibody-producing B cell response is induced.
2. (original) The method of claim 1 wherein the IgA antibody is a secretory IgA antibody.
3. (currently amended) The method of claim 1 wherein said administering is by sublingual injection, deposition, bioadhesive, or capsule that releases the ~~immunogenic~~ composition in the floor of the mouth.
4. (currently amended) The method of claim 3 wherein the bioadhesive or capsule contains or is coupled to a system that promotes penetration of the ~~immunogenic~~ composition.
5. (currently amended) The method according to claim 1 wherein the immunogen is from a pathogen chosen from the group consisting of HIV-~~virus~~, herpesviruses, candidae, hepatitis viruses, picornaviridae, reoviruses, adenoviruses, human papillomavirus, cytomegalovirus, Epstein-Barr virus, and aerosol transmitted pathogens.
6. (withdrawn)
7. (withdrawn)

8. (currently amended) The method according to claim 1, wherein the immunogen is from the HIV-virus.
9. (original) The method according to claim 8, wherein the immunogen is gp160.
10. (new) The method according to claim 1, wherein the primate is a human.